



## 5900 SERIES

- 4 mA to 20 mA output for broad compatibility
- Better than  $\pm 0.02\%$  Span repeatability
- Piezoresistive technology for enhanced stability
- Front panel zero/span adjust and meter terminals

### APPLICATIONS

- Tank gauging

### SPECIFICATIONS

<b>Output signal</b>	4 mAdc to 20 mAdc (milliamperes)
<b>Accuracy</b>	$\pm 0.2\%$ F.S. ( $\pm 0.10\%$ F.S., typical) includes non-linearity, hysteresis and non-repeatability
<b>Repeatability</b>	$\pm 0.02\%$ of calibrated span
<b>Temperature range</b>	0 °F to 180 °F/-18 °C to 82 °C (operating range)
<b>Compensated temperature range</b>	32 °F to 120 °F/ 0 °C to 54 °C
<b>Thermal effects (over compensated temperature range)</b>	Less than .007% °F (.011% °C) span shift—sensitivity Less than .007% °F (.011% °C) span shift—zero
<b>Power requirement*</b>	14 Vdc to 40 Vdc
<b>Power supply stability (effect on FSO)</b>	Less than .005% of span change in output per volt change at input terminals
<b>Burst pressure</b>	200 psi

\* Unregulated

ORDERING INFORMATION - D/P CONTROL			
<b>SERIES</b>	5900 D/P Module		
<b>FITTINGS</b>	1 None, 1/8" NPT	4 Swagelok; 1/4" tube x 1/8" NPT (compatible with copper or poly tubing)	
<b>PRESSURE RANGES</b>	0 0 psid to 5 psid	2 0 psid to 15 psid	4 0 psid to 50 psid
	1 0 psid to 10 psid	3 0 psid to 30 psid	

**EXAMPLE**

**Series** ..... 5900 Series 5900  
**Fitting** ..... None, 1/8" NPT - 1  
**Pressure range** ..... 0 psid to 30 psid - 3

